PHILIPS Lighting

Corepro InstantFit (UL Type-A) T8

10T8/COR/48-840/IF16/G/DIM 10/1

The CorePro InstantFit LED lamps provide hassle-free installation with simple lampfor-lamp replacements. They deliver what we promise, with at least 40% energy savings, flicker-free performance, and the life you would expect .Other lamps claim compatibility but only CorePro InstantFit (UL Type A) has been proven to work with over 200 ballasts and drivers, delivering even light output, with proven energy savings and a long average lifetime. End users will be delighted being under these comfortable and high quality CorePro InstantFit lamps with no visible flicker and optimized optics. Energy managers will enjoy these lamps too as they can count the savings delivered by our lamps. To enjoy more energy savings, the CorePro InstantFit lamps can be paired with the Advance TLED drivers to create a Type C system.

Product data

General Information					
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	70,000 hour(s) 50,000				
Switching Cycle					
Lighting Technology	LED Yes				
EU RoHS compliant					
Light Technical					
Color Code	840 [CCT of 4000K]				
Beam Angle (Nom)	240 degree(s)				
Luminous Flux	1,600 lm				
Color Designation	Cool White (CW)				
Correlated Color Temperature (Nom)	4000 K				
Luminous Efficacy (rated) (Nom)	160.00 lm/W				

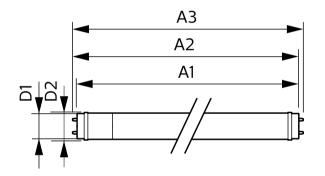
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	25000-105000 Hz
Input Frequency	25000-105000 Hz
Power Consumption	10 W
Lamp Current (Max)	260 mA
Lamp Current (Min)	100 mA
Wattage Equivalent	32 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9

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Voltage (Nom)	120-277, 347 V
UL Type	UL Type A
Temperature	
Ambient temperature range	-4 °F to 113 °F
T-Case Maximum (Nom)	122 °F
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	47-1/4 inch
Bulb Shape	Т8
Approval and Application	
Energy Saving Product	Yes

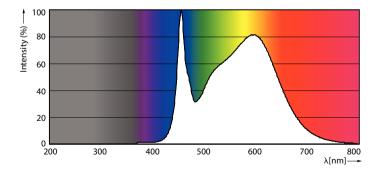
Approval Marks	RoHS compliance UL certificate DLC				
	compliance				
Energy Consumption kWh/1000 h	- kWh				
Application Conditions					
can it be used in closed luminaires	Yes				
Product Data					
Order product name	10T8/COR/48-840/IF16/G/DIM 10/1				
Full product name	10T8/COR/48-840/IF16/G/DIM 10/1 553230				
Order code					
Material Nr. (12NC)	929001991734				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	046677553234				
Numerator - Packs per outer box	10				
EAN/UPC - Case	50046677553239				

Dimensional drawing

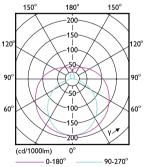


Product	D1	D2	A1	A2	A3
10T8/COR/48-840/	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch
IF16/G/DIM 10/1					

Photometric data



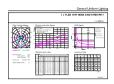
Spectral Power Distribution Colour - 10T8/COR/48-840/IF16/G/DIM 10/1



Light Distribution Diagram - 10T8/COR/48-840/IF16/G/DIM 10/1

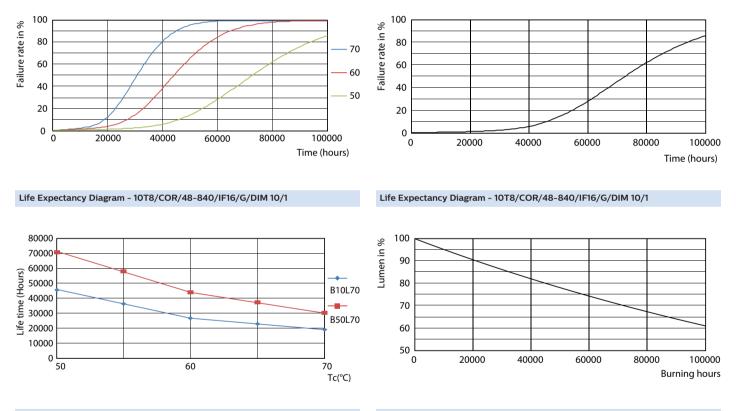
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Photometric data



General uniform lighting - 10T8/COR/48-840/IF16/G/DIM 10/1



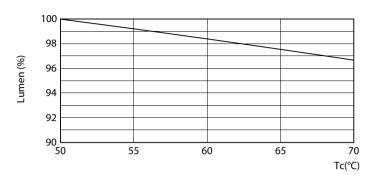


Life Expectancy Diagram - 10T8/COR/48-840/IF16/G/DIM 10/1

Lumen Maintenance Diagram - 10T8/COR/48-840/IF16/G/DIM 10/1

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Lifetime



Lumen Maintenance Diagram - 10T8/COR/48-840/IF16/G/DIM 10/1



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